

CLAIMS

1. A method comprising:
receiving multimedia content from a source;
creating a linked set of components to process the multimedia content;
determining authority to record the multimedia content;
providing a recording component in the linked set of components to record
the multimedia content if authorized to record the multimedia content; and
rendering the multimedia content with use of the linked set of components.
2. The method of claim 1 wherein the receiving is from an Internet website.
3. The method of claim 1 wherein the receiving comprises protected multimedia content.
4. The method of claim 1 wherein the receiving comprises encrypted multimedia content and the determining is based as to the ability to decrypt the multimedia content.
5. The method of claim 1 wherein the creating comprises components to render the multimedia content whether providing a recording component is performed or not.
6. The method of claim 1 wherein the creating is performed for every instance multimedia content is received.

1 7. The method of claim 7 wherein the linked set of components is
2 destroyed once rendering is complete.

3 8. The method of claim 1 wherein the determining authority is based on
4 a predetermined protocol with the source.

5 9. The method of claim 8 wherein the predetermined protocol is based
6 on encryption and decryption keys shared with the source.

7 10. The method of claim 1 wherein the providing the recording
8 component is omitted if not authorized to record the multimedia content.

9 11. The method of claim 1 wherein the providing a recording component
10 comprises a writer component connected to the recording component which stores
11 the multimedia content to a local storage device.

12 12. The method of claim 11 wherein the multiplexes audio and video
13 content.

14 13. The method of claim 11 wherein the writer component compresses
15 the multimedia prior to storing to the local storage device.

16 14. The method of claim 11 wherein the write component makes use of
17 a predetermined protocol to store the multimedia content to the local storage
18 device, where the predetermined protocol is used to play back the multimedia
19 content.

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1 15. The method of claim 1 wherein the providing is based on the
2 recording component being registered to be installed in the linked set of
3 components.

4 16. The method of claim 1 further comprising establishing a user
5 interface component to the recording component.

6 17. The method of claim 16 wherein the user interface component
7 provides status as to recording and rendering states.

8 18. The method of claim 16 wherein the user interface component is part
9 of a media player that comprises the linked set of components.

10 19. The method of claim 16 wherein the user interface component is
11 external to a media player that comprises the linked set of components.

12 20. A personal computer that performs the method of claim 1.

13 21. A method comprising:
14 receiving a stream of multimedia content from a source;
15 separating the streamed multimedia content into audio content and video
16 content;
17 initiating a first linked set of components to process the audio content, and
18 a second linked set of components to process the video content;
19 creating a first recording component in the first linked set of components to
20 record the audio content if authorized, and a second recording component in the
21 second linked set of components to record video content if authorized; and
22 providing audio output from the first linked set of components and video
23 output from the second linked set of components.
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1 22. The method of claim 21 wherein the receiving the stream of
2 multimedia content is from a separate source on a network.

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4 23. The method of claim 21 wherein the receiving the stream of
5 multimedia content is from an Internet source.

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7 24. The method of claim 21 wherein the receiving the stream comprises
8 protected multimedia content.

9 25. The method of claim 21 wherein the creating is performed based on
10 registration of the first recording component as authorized to record audio content,
11 and registration of the second recording component as authorized to record video
12 content.

13 26. The method of claim 25 wherein the creating of first and second
14 recording components is based on a predetermined protocol to allow recording of
15 audio and video content.

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17 27. The method of claim 25 wherein the creating of the first recording
18 component as authorized to record if audio content is not protected, and creating
19 the second recording component as authorized if video content is not protected.

20 28. The method of claim 25 wherein the creation of the first recording
21 component as authorized to record if a predetermined protocol is established to
22 allow audio content to be copied, and creation of the second recording component
23 as authorized if the predetermined protocol is established to allow video content to
24 be copied.

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1 29. A computer comprising:

2 means for receiving streaming multimedia content;

3 means for rendering the streaming multimedia content;

4 means for storing the streaming multimedia content if so authorized; and

5 means for playing back the stored multimedia content.

6 30. The computer of claim 29 wherein the multimedia content comprises
7 audio content and video content.

8 31. The computer of claim 29 wherein the means for receiving is from
9 an Internet website.

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11 32. The computer of claim 29 wherein the means for rendering
12 comprises creating a linked set of components.

13 33. The computer of claim 32 wherein the linked set of components
14 comprises a recording component.

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16 34. The computer of claim 32 wherein the linked set of components is
17 created for every instance multimedia content is received.

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19 35. The computer of claim 29 wherein the means for storing comprises a
20 writer component that is initiated if multimedia content is authorized to be stored.

21 36. The computer of claim 29 wherein the means for storing comprises
22 setting a flag in a recording component to indicate that multimedia content is
23 authorized to be stored.

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25 37. A computer comprising:

1 a memory;
2 a processor coupled to the memory; and
3 instructions stored in the memory and executable on the processor to access
4 streaming multimedia content from a source, render the streaming multimedia
5 content, initiate a recording component to record the multimedia content if the
6 computer is so authorized, and store multimedia content to a local storage device.

7 38. The computer of claim 37 wherein the streaming multimedia content
8 is received from an Internet website.

9 39. The computer of claim 37 wherein the streaming multimedia
10 comprises encrypted multimedia content.

11 40. The computer of claim 39 wherein the computer is so authorized to
12 record the multimedia content if the computer is able to decrypt the encrypted
13 multimedia content.

14 41. The computer of claim 37 wherein the instructions further comprise
15 separating the multimedia content into audio content and video content that are
16 rendered separately.

17 42. The computer of claim 37 wherein the instructions further comprise
18 providing a user interface to initiate rendering and recording.

19 43. The computer of claim 42 wherein the user interface provides status
20 as to playing and recording states.

21 44. A computer-readable medium having computer-executable
22 instructions for performing steps comprising:
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1 contacting a server computer to send multimedia content;
2 receiving the multimedia content;
3 separating the multimedia content into audio content and video content;
4 decompressing the audio content and video content;
5 creating an instance of a recording component to record the decompressed
6 audio content and video content if so authorized to record;
7 rendering to audio output the decompressed audio content and to video
8 output the decompressed video content; and
9 destroying the instance of the recording component after the multimedia
10 content is rendered.

11 45. The computer-readable medium of claim 44 further comprising a
12 step of writing the decompressed audio and video content to a local file if so
13 authorized to record.

14 46. The computer-readable medium of claim 44 further comprising a
15 step of providing states as to recording and rendering.

16 47. A system comprising:
17 a server computer; and
18 a playback computer configured to receive multimedia content from the
19 server computer, render the multimedia content, and write the multimedia content
20 to a storage device if so authorized.

21 48. The system of claim 47 wherein the server computer is a website
22 server computer connected to the playback computer by the Internet.

23 49. The system of claim 47 wherein the multimedia content comprises
24 audio content and video content.
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1 50. The system of claim 47 wherein the multimedia content is streamed
2 from the server computer to the playback computer.
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4 51. The system of claim 47 wherein the multimedia content includes
5 protected multimedia content.
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7 52. The system of claim 51 wherein the server computer and the
8 playback computer exchange keys in order for the playback computer to render the
9 multimedia content.

10 53. The system of claim 47 wherein the server computer authorizes the
11 playback computer to record the multimedia content by a predetermined protocol.
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13 54. The system of claim of claim 53 wherein the predetermined protocol
14 comprises exchange of decryption and encryption keys for protected multimedia
15 content.
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